

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) ~~A home network system, comprising:
a home master device connected to a plurality of home appliances; and
a remote control server connected to the home master device through a first network, for
transmitting/receiving a message between a user terminal and the home master device,~~
A network device capable of being connected to a plurality of appliances, communicating
with a remote control server through a network and storing a message, wherein the message
transmitted/received between the home master device and the remote control server is defined as
one of a plurality of a predetermined message types, wherein each predetermined message type
has a plurality of parameters and is comprised of comprises at least:
a product code unit of the a corresponding home appliance,
a message code unit for notifying a transmission/reception direction of the
message,
parameter units defining under the definition of the message, and
a number unit corresponding to the number of parameters parameter units.
2. (Currently Amended) The ~~system~~ network device of claim 1, wherein the product
code unit comprises a product ID code and a logical address of the ~~home~~ appliance.
3. (Canceled)
4. (Canceled)
5. (Canceled)
6. (Currently Amended) The ~~system~~ network device of claim 1, wherein the
message code unit comprises at least one of a first code region for displaying a message from the

~~home-master~~ network device to the remote control server, and a second code region for displaying a message from the remote control server to the ~~home-master~~ network device.

7. (Currently Amended) The ~~system~~ network device of claim 6, wherein the first code region and the second code region do not overlap with each other.

8. (Canceled)

9. (Currently Amended) The ~~system~~ network device of claim 1, wherein the product code unit, the message code unit, the parameter units, and the number unit corresponding to the number of the parameter[[s are]] units are distinguished by predetermined delimiters.

10. (Canceled)

11. (Canceled)

12. (Currently Amended) The ~~system~~ network device of claim [[11]]1, wherein the message ~~basic communication~~ comprises at least one of a login request and response, a dummy message, and a logout request and response.

13. (Currently Amended) The ~~system~~ network device of claim 1, wherein each of the parameter units comprises a user ID code unit, an internet operation program code command unit for identifying the ~~home~~ appliance, a command unit for the ~~home~~ appliance, return argument units, and a number unit corresponding to the number of return argument[[s]] units.

14. (Canceled)

15. (Currently Amended) The ~~system~~ network device of claim 13 [[or 14]], wherein the user ID code unit, the internet operation program code command unit, the command unit for the ~~home~~ appliance, the number unit corresponding to the number of the return argument[[s]] units and the return argument units are distinguished by predetermined delimiters.

16. (Currently Amended) The ~~system~~ network device of claim 13, wherein the message is a message for monitoring the ~~home~~ appliance.

17. (Canceled)

18. (Original) The ~~system~~ network device of claim 13, wherein the internet operation program code command unit comprises a recognition code for an internet operation program, a product ID code and a command.

19. (Canceled)

20. (Currently Amended) The ~~system~~ network device of claim 13, wherein the command unit for the ~~home~~ appliance comprises a factor name and a factor value of the command.

21. (Canceled)

22. (Currently Amended) The ~~system~~ network device of claim 13, wherein each of the return argument units comprises a return argument name and a factor value.

23. (Canceled)

24. (Currently Amended) The ~~system~~ network device of claim 22 [[or 23]], wherein each of the return argument units further comprises a byte number corresponding to a number of bytes of the factor value.

25. (Currently Amended) The ~~system~~ network device of claim 1, wherein each of the parameter units comprises a user ID code unit, a destination IP unit of the ~~home-master~~ device, an internet operation program code command unit for identifying the ~~home~~ appliance, a command unit for the ~~home~~ appliance, argument units, and a number unit corresponding to the number of argument[[s]] units.

26. (Canceled)

27. (Currently Amended) The ~~system~~ network device of claim 25 [[or 26]], wherein the user ID code unit, the destination IP unit, the internet operation program code command unit, the command unit for the ~~home~~ appliance, the number unit corresponding to the number of the argument[[s]] units and the argument units are distinguished by predetermined delimiters.

28. (Currently Amended) The ~~system~~ network device of claim 25 [[or 26]], wherein the message is a control message for the ~~home~~ appliance.

29. (Currently Amended) The ~~system~~ network device of claim 25 [[or 26]], wherein each of the parameter units further comprises a language unit for displaying a kind of a language.

30. (Canceled)

31. (Canceled)

32. (Currently Amended) The ~~system~~ network device of claim 25, wherein the internet operation program code command unit comprises a recognition code for an internet operation program, a product ID code and a command.

33. (Canceled)

34. (Currently Amended) The ~~system~~ network device of claim 25, wherein the command unit for the ~~home~~ appliance comprises a factor name and a factor value of [[the]] a command.

35. (Canceled)

36. (Currently Amended) The ~~system~~ network device of claim 25, wherein each of the argument units comprises an argument name and a factor value.

37. (Canceled)

38. (Currently Amended) The ~~system~~ network device of claim 36 [[or 37]], wherein each of the argument units further comprises a byte number corresponding to a number of bytes of the factor value.

39. (Currently Amended) The ~~system~~ network device of claim 1, wherein the message further comprises an ID code of the user terminal.

40 - 74. (Canceled)